BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

Pre-Measurement

Name of work: Improvements and Asphalting to Roads at Durgaparameshwari Layout and Surrounding areas in Ward No. 09 (Vidyaranyapura), Vidyaranyapura Sub Division

Estimated Cost : Rs. 50.00 Lakhs

Head of Account : P-1771

Name of Agency: Sri Ninganagowda V Patil, # 57/7, Sri Krishna Nilaya, 2nd Main Road, Ganganagara layout, Ganganagara, RT Nagar (P), Banagalore - 32.

Work order No: BBMP/EE/BTP/WO/119/2019-20 Dated: 25.10.2019.

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
1	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work								Cum
	Desilting of Drains								
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	2	30.00			0.45	0.45	12.15	
	Ch: 30.00 to 60.00	2	30.00			0.45	0.45	12.15	
	Ch: 60.00 to 75.50	2	15.50			0.45	0.45	6.28	
						0.45	0.45	0.00	
	Ch: 0.00 to 30.00	2	30.00			0.45	0.45	12.15	
	Ch: 30.00 to 60.00	2	30.00						
	Ch: 60.00 to 90.00	2	30.00			0.45	0.45	12.15	
	Ch: 90.00 to 120.00	2	30.00			0.45	0.45	12.15	
	Ch: 120.00 to 146.00	2	26.00			0.45	0.45	10.53	
	Durugaparameshwari LO 1st Cross					0.45	0.45	0.00	
	Ch: 0.00 to 30.00	2	30.00						
	Ch: 30.00 to 60.00	2	30.00			0.45	0.45	12.15	
	Ch: 60.00 to 90.00	2	30.00			0.45	0.45	12.15	
	Ch: 90.00 to 120.00	2	30.00			0.45	0.45	12.15	
	Ch: 120.00 to 149.20	2	29.20			0.45	0.45	11.83	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			0.45	0.45	12.15	
	Ch: 30.00 to 60.00	2	30.00			0.45	0.45	12.15	
	Ch: 60.00 to 90.00	2	30.00						
	Ch: 90.00 to 120.00	2	30.00			0.45	0.45	12.15	
	Ch: 120.00 to 150.00	2	30.00			0.45	0.45	12.15	
	Ch: 150.00 to 180.00	2	30.00						
	Ch: 180.00 to 208.70	2	28.70			0.45	0.45	11.62	
	Durugaparameshwari LO 3rd Main					0.45	0.45	0.00	
	Ch: 0.00 to 30.00	2	30.00						
	Ch: 30.00 to 60.00	2	30.00			0.45	0.45	12.15	
	Ch: 60.00 to 90.00	2	30.00			0.45	0.45	12.15	
	Ch: 90.00 to 120.00	2	30.00						
	Ch: 120.00 to 150.00	2	30.00			0.45	0.45	12.15	
	Ch: 150.00 to 164.00	2	14.00			0.45	0.45	5.67	

Assistant Executive Engineer
Vidyaranyapura Sub Division

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Avérage Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	2	30.00			0.45	0.45	12.15	
	Ch: 30.00 to 60.00	2	30.00			0.45	0.45	12.15	
	Ch: 60.00 to 90.00	2	30.00			0.45	0.45	12.15	
	Ch: 90.00 to 96.50	2	6.50			0.45	0.45	2.63	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 30.00	2	10.00			0.45	0.45	4.05	
	Berm Cutting								
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	2	30.00			1.20	0.30	21.60	
	Ch: 30.00 to 60.00	2	30.00			1.10	0.35	23.10	
	Ch: 60.00 to 75.50	2	15.50			1.25	0.25	9.69	
	Ch: 0.00 to 30.00	2	30.00			1,20	0.30	21.60	
	Ch: 30.00 to 60.00	2	30.00			1.20	0.25	18.00	
	Ch: 60.00 to 90.00	2	30.00			1.00	0.25	15.00	
	Ch: 90.00 to 120.00	2	30.00			0.95	0.30	17.10	
	Ch: 120.00 to 146.00	2	26.00			1.20	0.35	21.84	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			1.20	0.20	14.40	
	Ch: 30.00 to 60.00	2	30.00			1.20	0.35	25.20	
	Ch: 60.00 to 90.00	2	30.00			1.20	0.20	14.40	
	Ch: 90.00 to 120.00	2	30.00			1.10	0.30	19.80	
	Ch: 120.00 to 149.20	2	29.20			1.25	0.35	25.55	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			1.20	0.35	25.20	
	Ch: 30.00 to 60.00	2	30.00			1.30	0.30	23.40	
	Ch: 60.00 to 90.00	2	30.00						
	Ch: 90.00 to 120.00	2	30.00			1.30	0.30	23.40	
	Ch: 120.00 to 150.00	2	30.00			1.20	0.35	25.20	
	Ch: 150.00 to 180.00	2	30.00						
	Ch: 180.00 to 208.70	2	28.70			1.60	0.30	27.55	
	Durugaparameshwari LO 3rd Main					1.20	0.30	0.00	
	Ch: 0.00 to 30.00	2	30.00						
	Ch: 30.00 to 60.00	2	30.00			1.35	0.30	24.30	
	Ch: 60.00 to 90.00	2	30.00			1.50	0.25	22.50	
	Ch: 90.00 to 120.00	2	30.00						
	Ch: 120.00 to 150.00	2	30.00			1.35	0.30	24.30	
	Ch: 150.00 to 164.00	2	14.00			1.50	0.25	10.50	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	2	30.00			1.35	0.20	16.20	
	Ch: 30.00 to 60.00	2	30.00			1.20	0.20	14.40	
	Ch: 60.00 to 90.00	2	30.00			1.30	0.20	15.60	
	Ch: 90.00 to 96.50	2	6.50			1.25	0.20	3.25	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 30.00	2	10.00			1.20	0.15	3.60	
							Total Qty =	**777.99**	
							Qty Limited to =	**776.13**	Cum

Assistant Engineer

03/12/19

Assistant Executive Engineer
Vidyaranyapura Sub Division,

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								Sqm
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 75.50	2	15.50			1.35		41.85	
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 90.00	2	30.00			1.35		81.00	
	Ch: 90.00 to 120.00	2	30.00			1.35		81.00	
	Ch: 120.00 to 146.00	2	26.00			1.35		70.20	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 90.00	2	30.00			1.35		81.00	
	Ch: 90.00 to 120.00	2	30.00			1.35		81.00	
	Ch: 120.00 to 149.20	2	29.20			1.35		78.84	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 90.00	2	30.00			1.35		81.00	
	Ch: 90.00 to 120.00	2	30.00			1.35		81.00	
	Ch: 120.00 to 150.00	2	30.00			1.35		81.00	
	Ch: 150.00 to 180.00	2	30.00			1.35		81.00	
	Ch: 180.00 to 208.70	2	28.70			1.35		77.49	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 90.00	2	30.00			1.35		81.00	
	Ch: 90.00 to 120.00	2	30.00			1.35		81.00	
	Ch: 120.00 to 150.00	2	30.00			1.35		81.00	
	Ch: 150.00 to 164.00	2	14.00			1.35		37.80	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	2	30.00			1.35		81.00	
	Ch: 30.00 to 60.00	2	30.00			1.35		81.00	
	Ch: 60.00 to 90.00	2	30.00			1.35		81.00	
	Ch: 90.00 to 96.50	2	6.50			1.35		17.55	
	Durugaparameshwari LO 2nd Main 1st Cross							0.00	
	Ch: 0.00 to 30.00	2	10.00			1.35		27.00	
	Covering Slab								
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 75.50	2	15.50			0.90		27.90	
						0.90		0.00	
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 90.00	2	30.00			0.90		54.00	
	Ch: 90.00 to 120.00	2	30.00			0.90		54.00	
	Ch: 120.00 to 146.00	2	26.00			0.90		46.80	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 90.00	2	30.00			0.90		54.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Ch: 90.00 to 120.00	2	30.00			0.90		54.00	
	Ch: 120.00 to 149.20	2	29.20			0.90		52.56	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 90.00	2	30.00			0.90		54.00	
	Ch: 90.00 to 120.00	2	30.00			0.90		54.00	
	Ch: 120.00 to 150.00	2	30.00			0.90		54.00	
	Ch: 150.00 to 180.00	2	30.00			0.90		54.00	
	Ch: 180.00 to 208.70	2	28.70			0.90		51.66	
	Durugaparameshwari LO 3rd Main					0.90		0.00	
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 90.00	2	30.00			0.90		54.00	
	Ch: 90.00 to 120.00	2	30.00			0.90		54.00	
	Ch: 120.00 to 150.00	2	30.00			0.90		54.00	
	Ch: 150.00 to 164.00	2	14.00			0.90		25.20	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	2	30.00			0.90		54.00	
	Ch: 30.00 to 60.00	2	30.00			0.90		54.00	
	Ch: 60.00 to 90.00	2	30.00			0.90		54.00	
	Ch: 90.00 to 96.50	2	6.50			0.90		11.70	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 30.00	2	10.00			0.90		18.00	
							Total Qty =	**3824.55**	
							Qty Limited to =	**3726.81**	Sqm

Assistant Engineer
05/12/19

Assistant Executive Engineer
Vidyaranyapura Sub Division,

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
4	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work.								Sqm
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	1	30.00	1.80	2.00	1.90		57.00	
	Ch: 30.00 to 60.00	1	30.00	2.00	1.80	1.90		57.00	
	Ch: 60.00 to 75.50	1	15.50	1.80	2.00	1.90		29.45	
	Ch: 0.00 to 30.00	1	30.00	1.90	1.90	1.90		57.00	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85		55.50	
	Ch: 60.00 to 90.00	1	30.00	1.90	1.90	1.90		57.00	
	Ch: 90.00 to 120.00	1	30.00	1.80	2.00	1.90		57.00	
	Ch: 120.00 to 146.00	1	26.00	2.00	1.90	1.95		50.70	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	1.90	1.80	2.00		60.00	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85		55.50	
	Ch: 60.00 to 90.00	1	30.00	1.90	2.00	1.95		58.50	
	Ch: 90.00 to 120.00	1	30.00	2.00	2.20	2.10		63.00	
	Ch: 120.00 to 149.20	1	29.20	2.20	2.20	2.20		64.24	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	2.20	1.90	2.05		61.50	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.20	2.05		61.50	
	Ch: 60.00 to 90.00	1	30.00	2.20	2.20	2.20		66.00	
	Ch: 90.00 to 120.00	1	30.00	2.20	2.00	2.10		63.00	
	Ch: 120.00 to 150.00	1	30.00	2.00	2.20	2.10		63.00	
	Ch: 150.00 to 180.00	1	30.00	2.20	2.00	2.10		63.00	
	Ch: 180.00 to 208.70	1	28.70	2.00	2.20	2.10		60.27	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	1	30.00	1.95	1.90	1.93		57.75	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.00	1.95		58.50	
	Ch: 60.00 to 90.00	1	30.00	2.00	1.95	1.98		59.25	
	Ch: 90.00 to 120.00	1	30.00	1.95	2.00	1.98		59.25	
	Ch: 120.00 to 150.00	1	30.00	2.00	1.90	1.95		58.50	
	Ch: 150.00 to 164.00	1	14.00	1.90	1.95	1.93		26.95	
							Total Qty =	**1480.36**	
							Total Qty =	**1420.13**	Sqm

Assistant Engineer

15/12/19

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
5	Wet Mix Macadam - Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work								Cum
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	1	30.00	1.80	2.00	1.90	0.23	13.11	
	Ch: 30.00 to 60.00	1	30.00	2.00	1.80	1.90	0.23	13.11	
	Ch: 60.00 to 75.50	1	15.50	1.80	2.00	1.90	0.23	6.77	
	Ch: 0.00 to 30.00	1	30.00	1.90	1.90	1.90	0.23	13.11	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85	0.23	12.77	
	Ch: 60.00 to 90.00	1	30.00	1.90	1.90	1.90	0.23	13.11	
	Ch: 90.00 to 120.00	1	30.00	1.80	2.00	1.90	0.23	13.11	
	Ch: 120.00 to 146.00	1	26.00	2.00	1.90	1.95	0.23	11.66	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	1.90	1.80	2.00	0.23	13.80	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85	0.23	12.77	
	Ch: 60.00 to 90.00	1	30.00	1.90	2.00	1.95	0.23	13.46	
	Ch: 90.00 to 120.00	1	30.00	2.00	2.20	2.10	0.23	14.49	
	Ch: 120.00 to 149.20	1	29.20	2.20	2.20	2.20	0.23	14.78	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	2.20	1.90	2.05	0.23	14.15	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.20	2.05	0.23	14.15	
	Ch: 60.00 to 90.00	1	30.00	2.20	2.20	2.20	0.23	15.18	
	Ch: 90.00 to 120.00	1	30.00	2.20	2.00	2.10	0.23	14.49	
	Ch: 120.00 to 150.00	1	30.00	2.00	2.20	2.10	0.23	14.49	
	Ch: 150.00 to 180.00	1	30.00	2.20	2.00	2.10	0.23	14.49	
	Ch: 180.00 to 208.70	1	28.70	2.00	2.20	2.10	0.23	13.86	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	1	30.00	1.95	1.90	1.93	0.23	13.28	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.00	1.95	0.23	13.46	
	Ch: 60.00 to 90.00	1	30.00	2.00	1.95	1.98	0.23	13.63	
	Ch: 90.00 to 120.00	1	30.00	1.95	2.00	1.98	0.23	13.63	
	Ch: 120.00 to 150.00	1	30.00	2.00	1.90	1.95	0.23	13.46	
	Ch: 150.00 to 164.00	1	14.00	1.90	1.95	1.93	0.23	6.20	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	1	30.00	2.50	2.20	2.35	0.23	16.22	
	Ch: 30.00 to 60.00	1	30.00	2.20	2.00	2.10	0.23	14.49	
	Ch: 60.00 to 90.00	1	30.00	2.00	2.00	2.00	0.23	13.80	
	Ch: 90.00 to 96.50	1	6.50	2.00	2.20	2.10	0.23	3.14	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	1	10.00	2.00	2.20	2.10	0.23	4.83	
							Total Qty =	**392.96**	
							Qty Limited to =	**391.83**	Cum

Assistant Engineer

27/12/19

Assistant Executive Engineer
Vidyaranyapura Sub Division,

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								Sqm
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	1	30.00	1.80	2.00	1.90		57.00	
	Ch: 30.00 to 60.00	1	30.00	2.00	1.80	1.90		57.00	
	Ch: 60.00 to 75.50	1	15.50	1.80	2.00	1.90		29.45	
	Ch: 0.00 to 30.00	1	30.00	1.90	1.90	1.90		57.00	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85		55.50	
	Ch: 60.00 to 90.00	1	30.00	1.90	1.90	1.90		57.00	
	Ch: 90.00 to 120.00	1	30.00	1.80	2.00	1.90		57.00	
	Ch: 120.00 to 146.00	1	26.00	2.00	1.90	1.95		50.70	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	1.90	1.80	2.00		60.00	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85		55.50	
	Ch: 60.00 to 90.00	1	30.00	1.90	2.00	1.95		58.50	
	Ch: 90.00 to 120.00	1	30.00	2.00	2.20	2.10		63.00	
	Ch: 120.00 to 149.20	1	29.20	2.20	2.20	2.20		64.24	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	2.20	1.90	2.05		61.50	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.20	2.05		61.50	
	Ch: 60.00 to 90.00	1	30.00	2.20	2.20	2.20		66.00	
	Ch: 90.00 to 120.00	1	30.00	2.20	2.00	2.10		63.00	
	Ch: 120.00 to 150.00	1	30.00	2.00	2.20	2.10		63.00	
	Ch: 150.00 to 180.00	1	30.00	2.20	2.00	2.10		63.00	
	Ch: 180.00 to 208.70	1	28.70	2.00	2.20	2.10		60.27	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	1	30.00	1.95	1.90	1.93		57.75	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.00	1.95		58.50	
	Ch: 60.00 to 90.00	1	30.00	2.00	1.95	1.98		59.25	
	Ch: 90.00 to 120.00	1	30.00	1.95	2.00	1.98		59.25	
	Ch: 120.00 to 150.00	1	30.00	2.00	1.90	1.95		58.50	
	Ch: 150.00 to 164.00	1	14.00	1.90	1.95	1.93		26.95	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	1	30.00	2.50	2.20	2.35		70.50	
	Ch: 30.00 to 60.00	1	30.00	2.20	2.00	2.10		63.00	
	Ch: 60.00 to 90.00	1	30.00	2.00	2.00	2.00		60.00	
	Ch: 90.00 to 96.50	1	6.50	2.00	2.20	2.10		13.65	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 30.00	1	10.00	2.00	2.20	2.10		21.00	
							Total Qty =	**1708.51**	
							Qty Limited to =	**1703.63**	Sqm

Assistant Engineer
05/01/20

Assistant Executive Engineer
Vidyaranyapura Sub Division,
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
7	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen								Cum
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	1	30.00	1.80	2.00	1.90	0.05	2.85	
	Ch: 30.00 to 60.00	1	30.00	2.00	1.80	1.90	0.05	2.85	
	Ch: 60.00 to 75.50	1	15.50	1.80	2.00	1.90	0.05	1.47	
	Ch: 0.00 to 30.00	1	30.00	1.90	1.90	1.90	0.05	2.85	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85	0.05	2.78	
	Ch: 60.00 to 90.00	1	30.00	1.90	1.90	1.90	0.05	2.85	
	Ch: 90.00 to 120.00	1	30.00	1.80	2.00	1.90	0.05	2.85	
	Ch: 120.00 to 146.00	1	26.00	2.00	1.90	1.95	0.05	2.54	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	1.90	1.80	2.00	0.05	3.00	
	Ch: 30.00 to 60.00	1	30.00	1.80	1.90	1.85	0.05	2.78	
	Ch: 60.00 to 90.00	1	30.00	1.90	2.00	1.95	0.05	2.93	
	Ch: 90.00 to 120.00	1	30.00	2.00	2.20	2.10	0.05	3.15	
	Ch: 120.00 to 149.20	1	29.20	2.20	2.20	2.20	0.05	3.21	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	2.20	1.90	2.05	0.05	3.08	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.20	2.05	0.05	3.08	
	Ch: 60.00 to 90.00	1	30.00	2.20	2.20	2.20	0.05	3.30	
	Ch: 90.00 to 120.00	1	30.00	2.20	2.00	2.10	0.05	3.15	
	Ch: 120.00 to 150.00	1	30.00	2.00	2.20	2.10	0.05	3.15	
	Ch: 150.00 to 180.00	1	30.00	2.20	2.00	2.10	0.05	3.15	
	Ch: 180.00 to 208.70	1	28.70	2.00	2.20	2.10	0.05	3.01	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	1	30.00	1.95	1.90	1.93	0.05	2.89	
	Ch: 30.00 to 60.00	1	30.00	1.90	2.00	1.95	0.05	2.93	
	Ch: 60.00 to 90.00	1	30.00	2.00	1.95	1.98	0.05	2.96	
	Ch: 90.00 to 120.00	1	30.00	1.95	2.00	1.98	0.05	2.96	
	Ch: 120.00 to 150.00	1	30.00	2.00	1.90	1.95	0.05	2.93	
	Ch: 150.00 to 164.00	1	14.00	1.90	1.95	1.93	0.05	1.35	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	1	30.00	2.50	2.20	2.35	0.05	3.53	
	Ch: 30.00 to 60.00	1	30.00	2.20	2.00	2.10	0.05	3.15	
	Ch: 60.00 to 90.00	1	30.00	2.00	2.00	2.00	0.05	3.00	
	Ch: 90.00 to 96.50	1	6.50	2.00	2.20	2.10	0.05	0.68	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 30.00	1	10.00	2.00	2.20	2.10	0.05	1.05	
							Total Qty =	**85.43**	
							Qty Limited to =	**85.18**	Cum

Assistant Engineer
05/01/20

Assistant Executive Engineer
Vidyaranyapura Sub Division.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit
			meters	meters	meters	meters	meters		
	Measurements Recarded on :								
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specification								Sqm
	Durugaparameshwari LO 1st Main								
	Ch: 0.00 to 30.00	1	30.00	6.20	6.00	6.10		183.00	
	Ch: 30.00 to 60.00	1	30.00	6.00	6.00	6.00		180.00	
	Ch: 60.00 to 75.50	1	15.50	6.00	6.00	6.00		93.00	
	Ch: 0.00 to 30.00	1	30.00	5.10	5.80	5.45		163.50	
	Ch: 30.00 to 60.00	1	30.00	5.80	6.00	5.90		177.00	
	Ch: 60.00 to 90.00	1	30.00	6.00	6.10	6.05		181.50	
	Ch: 90.00 to 120.00	1	30.00	6.10	6.10	6.10		183.00	
	Ch: 120.00 to 146.00	1	26.00	6.10	6.60	6.35		165.10	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	4.90	5.20	5.05		151.50	
	Ch: 30.00 to 60.00	1	30.00	5.20	5.70	5.45		163.50	
	Ch: 60.00 to 90.00	1	30.00	5.70	5.70	5.70		171.00	
	Ch: 90.00 to 120.00	1	30.00	5.70	5.30	5.50		165.00	
	Ch: 120.00 to 149.20	1	29.20	5.30	6.10	5.70		166.44	
	Durugaparameshwari LO 1st Cross								
	Ch: 0.00 to 30.00	1	30.00	5.40	5.10	5.25		157.50	
	Ch: 30.00 to 60.00	1	30.00	5.10	6.10	5.60		168.00	
	Ch: 60.00 to 90.00	1	30.00	6.10	5.50	5.80		174.00	
	Ch: 90.00 to 120.00	1	30.00	5.50	5.70	5.60		168.00	
	Ch: 120.00 to 150.00	1	30.00	5.70	5.70	5.70		171.00	
	Ch: 150.00 to 180.00	1	30.00	5.70	5.70	5.70		171.00	
	Ch: 180.00 to 208.70	1	28.70	5.70	5.80	5.75		165.03	
	Durugaparameshwari LO 3rd Main								
	Ch: 0.00 to 30.00	1	30.00	5.60	5.40	5.50		165.00	
	Ch: 30.00 to 60.00	1	30.00	5.40	5.70	5.55		166.50	
	Ch: 60.00 to 90.00	1	30.00	5.70	5.60	5.65		169.50	
	Ch: 90.00 to 120.00	1	30.00	5.60	6.70	6.15		184.50	
	Ch: 120.00 to 150.00	1	30.00	6.70	5.90	6.30		189.00	
	Ch: 150.00 to 164.00	1	14.00	5.90	5.40	5.65		79.10	
	Durugaparameshwari LO 2nd Main								
	Ch: 0.00 to 30.00	1	30.00	4.70	6.00	5.35		160.50	
	Ch: 30.00 to 60.00	1	30.00	6.00	6.30	6.15		184.50	
	Ch: 60.00 to 90.00	1	30.00	6.30	5.60	5.95		178.50	
	Ch: 90.00 to 96.50	1	6.50	5.60	5.70	5.65		36.73	
	Durugaparameshwari LO 2nd Main 1st Cross								
	Ch: 0.00 to 10.00	1	10.00	4.65	4.40	4.53		45.25	
							Total Qty =	**4877.14**	
							Qty Limited to =	**4867.50**	Sqm

Assistant Engineer
16/01/2020

Assistant Executive Engineer
Vidyaranyapura Sub Division,
BBMP, Bangalore - 97